

CHAPTER 6 LESSON 2B HOMEWORK
Ratio Relationships Word Problems

Name: _____

Date: _____ Math: _____

Directions: Complete each problem. Show all work and follow any specified methods of solving.

1. . The Recycling club collects cans and bottles for recycling. The ratio of cans to bottles collected was 8 to 9. If they collected 120 cans, how many items to be recycled did they collect in all? Use a double number line to organize your thinking.

2. Maria ran 5 laps for every 3 laps that Sarah ran at cross-country practice. If Maria ran 10 more laps than Sarah by the end of practice, how many laps did she run? Use a table to help you organize your thinking.

3. The ratio of boys to girls at the party is 5:6. Four more girls than boys attended. How many boys were at the party?

4. The ratio of boys to girls at the party is 5:6. Each student paid \$5 to attend. If the school collected \$770 dollars, how many girls attended?